A. Permit Certificate

MUNICIPAL
WASTEWATER REUSE PERMIT
LA-000215-01

The City of Meridian, 660 E. Watertower Lane, Suite 200, Meridian, ID 83642, IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER REUSE RULES (IDAPA 58.01.17) AND WASTEWATER RULES (IDAPA 58.01.16), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT, APPENDICES, AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **[60 months from final issuance date]**.

_____

Pete Wagner
Boise Regional Office Administrator
Idaho Department of Environmental Quality

DRAFT_____
Date

DEPARTMENT OF ENVIRONMENTAL QUALITY
1445 North Orchard
Boise, Idaho 83706-2239
(208) 373-0550

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

Appendices

1. Environmental Monitoring Serial Numbers
2. Site Maps

References

1. Plan of Operation (required under Compliance Activity No. CA-215-01)
2. Runoff Management Plan (required under Compliance Activity No. CA-215-02)

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater Reuse Permit LA-000215-01 and are enforceable as such. This permit does not relieve the City of Meridian, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practice(s)
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – April 1 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 "Ground Water Quality Rule"
Guidance	Guidance for the Reclamation and Reuse of Municipal and Industrial Wastewater, DEQ
HLR_{gs}	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLR_{ngs}	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The equation used to calculate the IWR at this website is: $IWR = (CU - P_e) / E_i$ CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration P_e is the effective precipitation. CU minus Pe is synonymous with the net irrigation requirement (IR) E_i is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – November 1 through April 31 (181 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation
Reuse	The use of reclaimed wastewater for beneficial uses including, but not limited to, land treatment, irrigation, aquifer recharge, use in surface water features, toilet flushing in commercial buildings, dust control, and other uses.
Reuse Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year (i.e., November 01 – October 31). For example, the 2000 Reporting Year was November 01, 1999 through October 31, 2000.
SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the land application treatment site.

C. Abbreviations, Definitions

Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
Permittee	City of Meridian, Idaho
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 *Water Quality Standards and Wastewater Treatment Requirements*
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
WW	Wastewater applied to the land application treatment site
WWTP	Wastewater Treatment Plant

D. Facility Information

Legal Name of Permittee	City of Meridian, Idaho
Type of Wastewater	Class A Municipal Wastewater
Method of Treatment	Headworks, primary clarification; activated sludge secondary treatment, tertiary filtration, and disinfection. Effluent can be discharged to Boise River under NPDES Permit No. ID-002019-2, or further treated to produce Class A effluent.
Type of Facility	Municipal
Facility Location	• WWTP: 3401 N. Ten Mile Road, Meridian, Idaho • Heroes Park: East side of N. Ten Mile Road at intersection of W. Malta Way, Meridian, Idaho
Legal Location	• WWTP: Township 4N, Range 1W, Section 34, N1/2 SE1/4 • Heroes Park: Township 4N, Range 1W, Section 26, S1/2 NE1/4
County	Ada
USGS Quads	Meridian and Star
Soils on Site	70% Purdam silt loam to 20-40 feet, underlain by hardpan 30% Abo silt loam to 65 feet
Depth to Ground Water	Seasonal; ranges from 5.5 to 11 feet below ground surface
Beneficial Uses of Ground Water	Domestic, agriculture/irrigation
Nearest Surface Waters	• Simpson Lateral: 900 feet north of Heroes Park • Lemp Canal: 2500 feet south of Heroes Park
Beneficial Uses of Surface Waters	Agriculture/irrigation
Responsible Official **Mailing Address** **Phone / Fax**	John Shawcroft, Wastewater Superintendent City of Meridian, Public Works 660 E. Watertower Lane Suite 200 Meridian, ID 83642 (208) 888-2191 / (208) 884-0744

E. Compliance Schedule for Required Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by DEQ in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-215-01 **Plan of Operation** Detailed Plan of Operation due at 50% completion of construction of reuse facilities Updated Plan of Operation due 60 days after one complete year of operation of reuse facilities	A Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater treatment and reuse facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and approval. The Plan of Operation shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include sampling and monitoring requirements to insure proper operation of the wastewater treatment and reuse facilities. The Plan of Operation shall specifically include or address the following bullet items. • Procedures (operating, reporting, corrective actions, etc.) for upset periods or off-specification effluent. • All sampling, monitoring and reporting requirements of this permit. • A description of approved sample collection methods, appropriate analytical methods, and companion quality control/assurance (QA/QC) protocols. Upon approval, the Plan of Operation shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.
CA-215-02 **Runoff Management Plan** Prior to applying wastewater	Submit a Runoff Management Plan with control structures and other Best Management Practices (BMPs) designed to prevent runoff from any site or fields used for wastewater reuse to property not owned by the permittee except in the event of a 25-year, 24-hour storm event or greater, using Western Regional Climate Center Precipitation Frequency Map, Figure 28 'Isopluvials of 25-YR, 24-HR Precipitation'. Upon approval of the plan by DEQ, Meridian shall implement the runoff management plan, and shall construct, operate, and maintain the control structures and other BMPs in accordance with the plan.
CA-215-03 **Disinfection/Chlorine Residual Monitoring System Verification Report** Prior to applying wastewater	Submit verification report for the disinfection/chlorine residual monitoring system discussed in the technical memorandum for this system, dated April 10, 2008. The report shall document the actual testing procedures and results, including analytical data obtained, used to calibrate and verify that the chlorine residual monitoring system accurately simulates the chlorine residual of effluent discharged to Heroes Park Holding Pond. DEQ approval of the verification report is required prior to any effluent application.
CA-215-04 **Seepage Testing** Six (6) months after permit issuance to submit the Seepage Testing Protocol Eighteen (18) months after permit issuance to complete seepage testing of all required structures	Submit a Seepage Testing Protocol that defines the approach and testing procedures to be used to conduct seepage testing on Heroes Park Holding Pond. The protocol shall be based upon methods approved for use by DEQ. Upon approval of the protocol, conduct testing in accordance with the approved protocol and submit results for DEQ review. The performance standard is 0.25 inches per day. If a properly tested lagoon leaks more than 0.25 inches per day, the permittee shall either 1) submit a plan and schedule to either retest, repair, replace or decommission structures not meeting this standard, or 2) develop a plan based on ground water sampling and analyses and/or modeling to determine the effect of the lagoon leakage on the local ground water. If actual or predicted impacts do not comply with IDAPA 58.01.11 as determined by DEQ, the permittee shall comply with 1) above.

E. Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-215-05 **Permit Renewal Application** Six months prior to permit expiration date	Submit an application package to DEQ for permit renewal.

F. Permit Limits and Conditions

The permittee is allowed to apply wastewater and treat it on reuse sites as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

Category	Permit Limits and Conditions
Type of Wastewater	Class A Municipal Wastewater
Reporting Year for Annual Loading Rates	January 1 through December 31
Application Site Area	Heroes Park: 24 acres
Application Season	April 1 through October 31
Wastewater Treatment and Reuse System Operation	The wastewater treatment facility and reuse systems shall be operated by personnel certified and licensed in the State of Idaho wastewater operator training program at the operator class level specified in IDAPA 58.01.16.203 of the *Wastewater Rules*, and properly trained to operate and maintain the system. Operation of the wastewater treatment system shall be monitored on a 24-hour basis for alarm conditions, including notification of the qualified operating personnel under alarm conditions.
Class A Filtration Units, Operational Requirements	Traveling Bridge Filters: Influent shall be coagulated, clarified and passed through an undisturbed bed of soils or filter media at a rate not to exceed 2 gallons per minute per square foot. Coagulation may be waived if all of following are met: the filter effluent does not exceed 2 NTU, the filter influent is continuously measured, the filter influent turbidity does not exceed 5 NTU, and automatically activated chemical addition or diversion facilities are provided in the event filter effluent turbidity exceeds 5 NTU.
	Aqua-Aerobic Systems Cloth-Media Disk Filter: Influent shall be coagulated and loading rates shall not exceed 6 gallons per minute per square foot. Influent turbidity shall not exceed 10 NTU more than 5-percent of the time within a 24-hour period, and shall never exceed 15 NTU.
Wastewater Treatment Effluent discharged to Heroes Park Holding Pond, Disinfection Requirements	• Minimum concentration/contact time (CT) of 450 mg-min/L, measured at the end of the contact time with a modal contact time of not less than 90 minutes based on peak flow. • Flow into Boise River Outfall limited to 800 gallons per minute.
Wastewater Treatment System Effluent, Total Nitrogen (Total Kjeldahl Nitrogen + Nitrate-N + Nitrite-N) Limit, mg/L	Monthly average shall not exceed 11.5 mg/L
Wastewater Treatment System Effluent, Biological Oxygen Demand (BOD_5) Limit, mg/L	Monthly average shall not exceed 10.0 mg/L
Wastewater Treatment System Effluent, pH Limit	6.0-9.0
Wastewater Treatment System Effluent, Turbidity Limit, NTUs	• Instantaneous maximum shall not exceed 5 NTU • 24-hour average shall not exceed 2 NTU

F. Permit Limits and Conditions

Category	Permit Limits and Conditions
Wastewater Treatment Effluent discharged to Heroes Park Holding Pond, Total Coliform Limit, CFU/100 mL	The median number of total coliform organisms shall not exceed 2.2 per 100 milliliters, as determined from the results of the last seven (7) days for which analyses have been completed. In addition, the number of total coliform shall not exceed 23 per 100 milliliters in any confirmed sample.
Construction Plans	Prior to construction, modification, or expansion of any wastewater facilities associated with the reuse systems, detailed plans and specifications shall be submitted and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for DEQ review and approval.
Runoff/Wellhead Protection Requirements	The permittee shall manage the reuse sites in accordance with an approved Runoff Management Plan, required by Compliance Activity No. CA-215-02. To prevent runoff from the reuse sites, BMPs shall be used around all areas where runoff may potentially occur. Berms and other BMPs shall be used to protect the wellhead of on-site wells. New BMPs shall be reviewed and approved by DEQ prior to implementation.
Buffer Zones	• 100 feet from application sites to drinking water wells. • Drinking fountains, picnic tables, food establishments, and other public eating facilities shall be placed out of any spray irrigation area in which effluent is used, or shall be otherwise protected from contact with the effluent.
Posting	Warning signs shall be placed on each side of Heroes Park Holding Pond, or at minimum 250 foot intervals, as applicable. The signs shall read “Warning: Reclaimed Wastewater - Do Not Drink”, or equivalent.
Irrigation Scheduling	Irrigation shall occur during periods of non-use by the public.
Ground Water Quality	Wastewater reuse activities conducted by the permittee shall not cause a violation of the *Ground Water Quality Rule*, IDAPA 58.01.11.
Supplemental Irrigation Water Protection	For systems with wastewater and fresh irrigation water interconnections, DEQ-approved backflow prevention devices are required for protection of fresh irrigation water sources.

G. Monitoring Requirements

1. Appropriate analytical methods, as given in the *Guidance for Reclamation and Reuse of Municipal and Industrial Wastewater*, or as approved by DEQ, shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the Plan of Operation, as required by Compliance Activity No. CA-215-01 in Section E of this permit.
2. The permittee shall monitor and measure parameters as stated in the Facility Monitoring Tables in this section.
3. Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
4. Monitoring locations are described in Appendix 1. Environmental Monitoring Serial Numbers.
5. Unless otherwise agreed to in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Tables on the following pages. Monitoring is required at the frequency show in the tables below if wastewater is applied anytime during the time period shown.
6. Ten (10) soil sample locations shall be selected for each management unit with greater than fifteen acres and Five (5) soil sample locations shall be selected for each management unit with fifteen acres or less. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis from each management unit.
7. Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Continuously	Influent to Class A filtration, WW-1[a]	Loading rate and turbidity	Gallons/minute·ft^2, NTU
Continuously	Class A filtration effluent prior to disinfection, WW-2 [a]	In-line continuously monitoring and recording turbidimeter	NTU
Continuously	CT simulator, WW-3 [a]	Flowrate of effluent to simulator and chlorine residual	Gallons/minute, mg/L
Continuously	Boise River Outfall Pump Station, reclaimed wastewater pump, WW-4 [a]	Flowrate of effluent discharged to Heroes Park Holding Pond	Gallons/minute
Daily	CT simulator, WW-3 [a]	Grab sample	Total coliform
Daily	Class A filtration effluent prior to disinfection, WW-2 [a]	Grab sample or continuous monitoring	pH

[a]Sampling point locations are defined in Appendix 1 of this permit.

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Weekly	Class A filtration effluent prior to disinfection, WW-2 [a]	Composite sample	BOD_5, Total Nitrogen (TKN+nitrite+nitrate), Total Phosphorus
Monthly, any month Class A effluent is produced	Boise River Outfall discharge header, WW-5[a]	Grab sample	Total coliform, chlorine residual
Once, in the fifth year of the permit	Heroes Park soils	See Note 6 above	Nitrate-Nitrogen, Ammonium Nitrogen, Plant Available Phosphorus, pH
Annually, prior any effluent application each growing season	CT simulator	Verification/calibration	Document calibration of the assembly used to monitor and simulate the chlorine residual of effluent discharged to Heroes Park Holding Pond.
Annually	All flow measurement locations	Flow measurement calibration of all flows.	Document the flow measurement calibration of all flow meters and pumps used directly or indirectly measure all wastewater, tail water, flushing water applied to each HMU.
Annually	All supplemental irrigation pumps directly connected to the wastewater distribution system	Backflow testing	Document the testing of all backflow prevention devices for all supplemental irrigation pumps directly connected to the wastewater distribution system(s). Report the testing date(s) and results of the test (pass or fail). If any test failed, report the date of repair or replacement of backflow prevention device, and if the repaired/replaced device is operating correctly.

[a]Sampling point locations are defined in Appendix 1 of this permit.

H. Standard Reporting Requirements

1. The permittee shall submit an Annual Wastewater Reuse Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year which shall cover the previous year (see section C for definition/dates of the Reuse Reporting Year). The Annual Report shall include results for monitoring required in Section G, status of compliance activities, and an interpretive discussion of monitoring data (ground water, vadose zone, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.

2. The annual report shall contain the results of the required monitoring as described in Section G. Monitoring Requirements. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.

3. The annual report shall be submitted to the Engineering Manager at the following address.

   Boise Regional Office
   1445 N. Orchard
   Boise, ID 83706-2239

   A copy of the annual report shall also be mailed to:

   Richard Huddleston, P.E.
   Wastewater Program Manager
   1410 N. Hilton
   Boise, ID 83706
   208-373-0561

4. Notice of completion of any work described in Section E. Compliance Schedule for Required Activities shall be submitted to DEQ within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.

5. All laboratory reports containing the sample results for monitoring required by Section G. Monitoring Requirements of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.

3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:
   a. Apply wastewater as evenly as practicable to the treatment area;
   b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
   c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

4. The permittee shall:
   a. Manage the wastewater reuse site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
   b. Not hydraulically overload any particular areas of the wastewater reuse site.

5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater and include seepage tests on all lagoons per latest DEQ procedures.

7. The permittee shall allow the Director of DEQ, or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:
   a. Enter the permitted facility,
   b. Inspect any records that must be kept under the conditions of the permit.
   c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
   d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:
   a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
   b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
   c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

      DEQ Regional Office: see Permit Certification Page
      Emergency 24 Hour Number 1-800-632-8000

   d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
      i. A description of the non-compliance and its cause;
      ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and

iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violations, and Revocations

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in I. Standard Reporting Requirements, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

5. Any person violating any provision of the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

6. The Director may revoke a permit if the permittee violates any permit condition or the Rules for the Reclamation and Reuse of Municipal and Industrial Wastewater.

7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of the Department of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.

8. If, pursuant to Idaho Code ə 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of the Department of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.

9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted wastewater reuse facility from service, including any treatment, storage, or other facilities or equipment associated with the wastewater reuse site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
MU-021501	Heroes Park	24

SOIL MONITORING UNITS

Serial Number	Description	Associated MU
SU-021501	Heroes Park	MU-021501

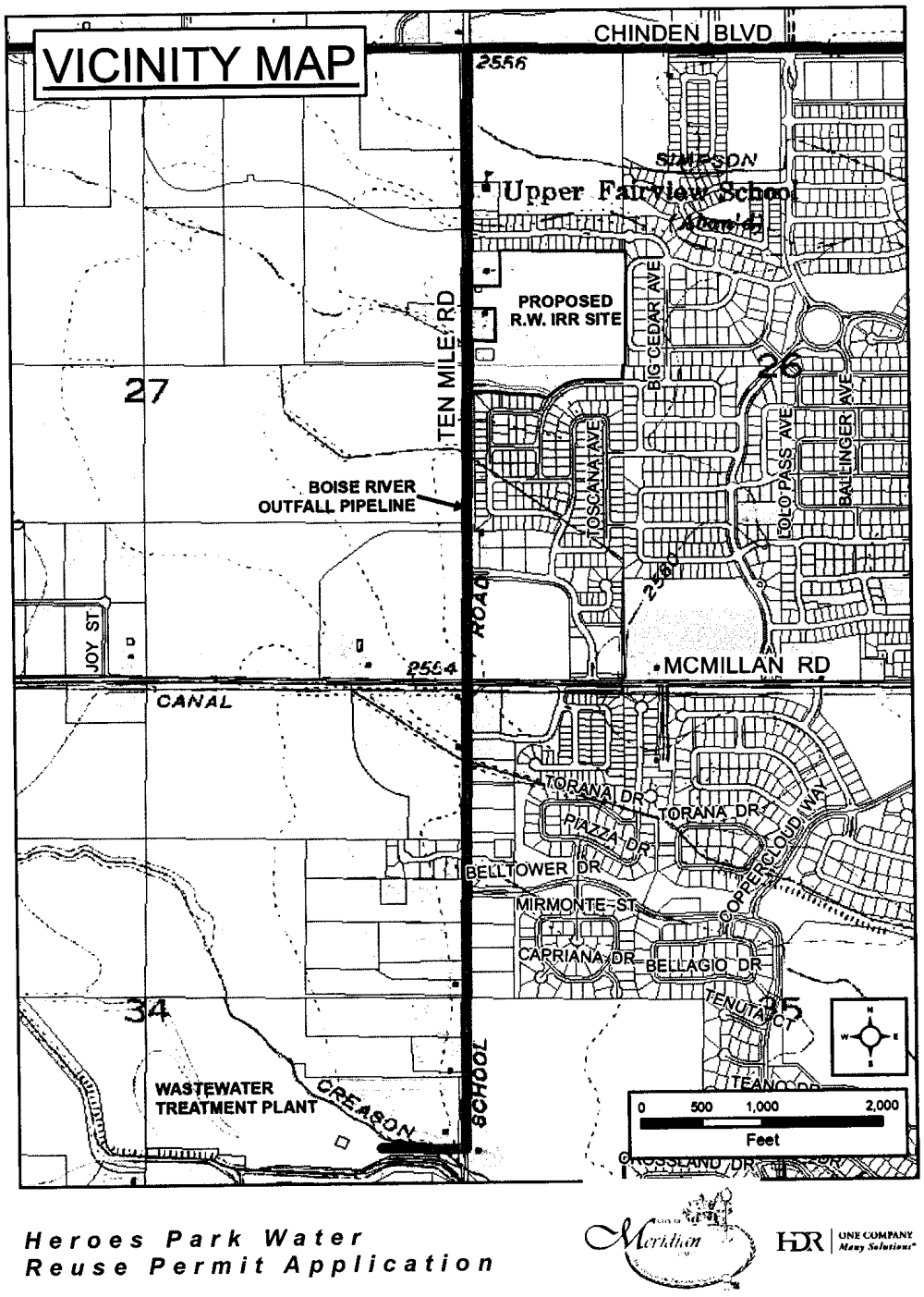
WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-021501	Influent to Class A filtration
WW-021502	Effluent from Class A filtration, prior to disinfection
WW-021503	CT simulator
WW-021504	Boise River Outfall Pump Station, reclaimed wastewater pump
WW-021505	Boise River Outfall discharge header

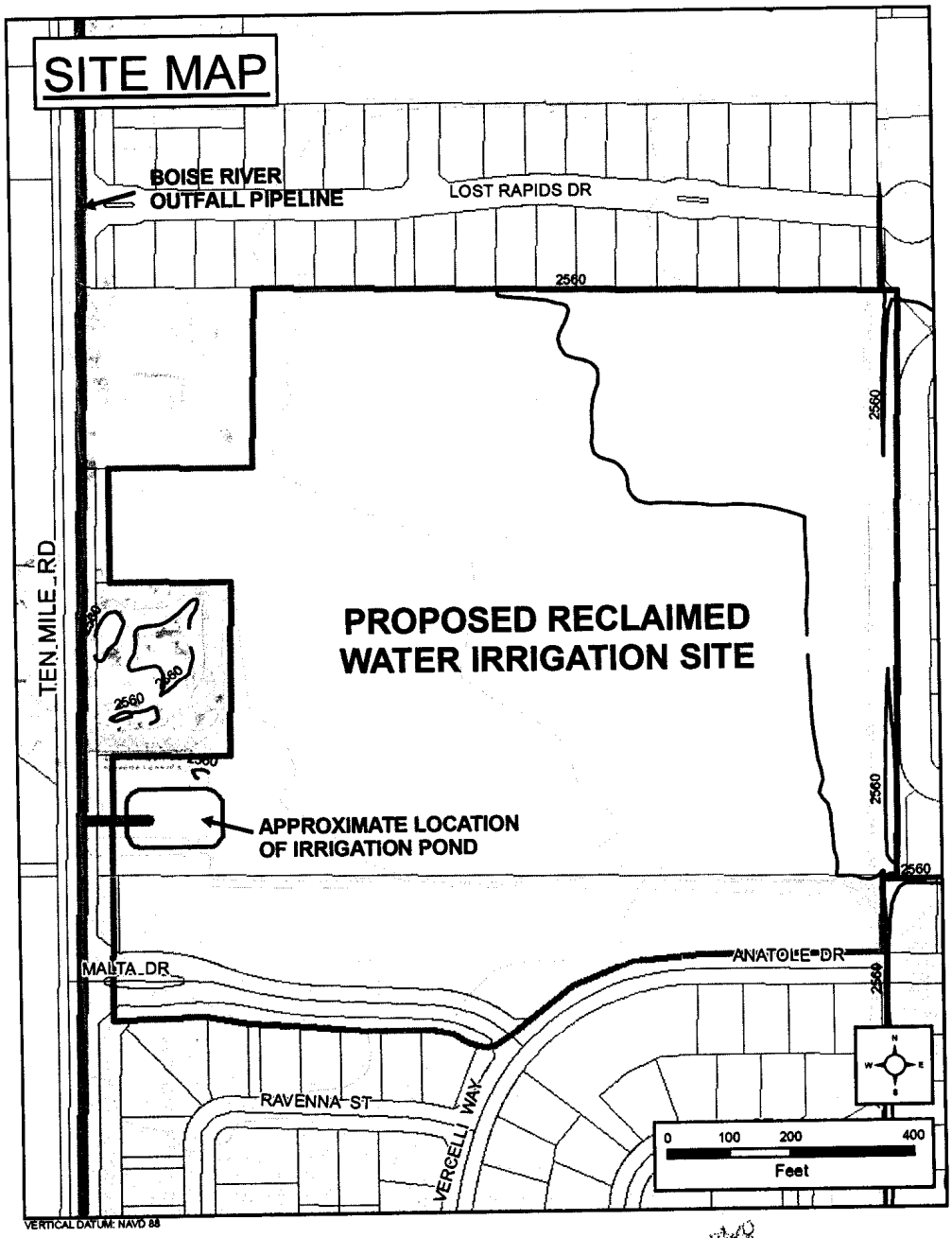
LAGOONS

Serial Number	Description
LG-021501	Heroes Park Holding Pond

Appendix 2
Site Maps



Appendix 2
Site Maps



Heroes Park Water Reuse Permit Application